

ABSTRACT OF THE DISCLOSURE

A mobile data communication system capable of shortening the interruption time of communication includes an HA device, advertising routers, base stations, routers, and mobile terminal devices. Each base station advertises an address having "1" set in a different bit of an interface ID of a routing address. When a mobile terminal has received radio waves from a plurality of base stations in the vicinity of a boundary between cells, the mobile terminal combines a plurality of received routing addresses by logical summation and registers a resultant routing address with the HA device. As for a packet delivered from the HA device to the routing address and having "1" in a plurality of bits of the host section, a router resolves the address of the host section into destination addresses each having "1" in one bit, generates packets each having one of resultant addresses, and transmits the generated packets.